

OTX 1550-10 Optical CATV transmitter | 1550 nm | 47 ... 1006 MHz



- ✓ Converts incoming RF signals into optical signals
- ✓ Frequency range 47 ... 1006 MHz
- ✓ Two inputs with 50 dB isolation for high-quality RF feed-in
- ✓ Optical wavelength 1550 nm
- ✓ Optical output power 10 dBm
- ✓ Electronic compensation of fibre dispersion
- ✓ Transmission distance up to 50 km
- ✓ Optical connection SC/APC
- ✓ Two redundant power supplies

Order information

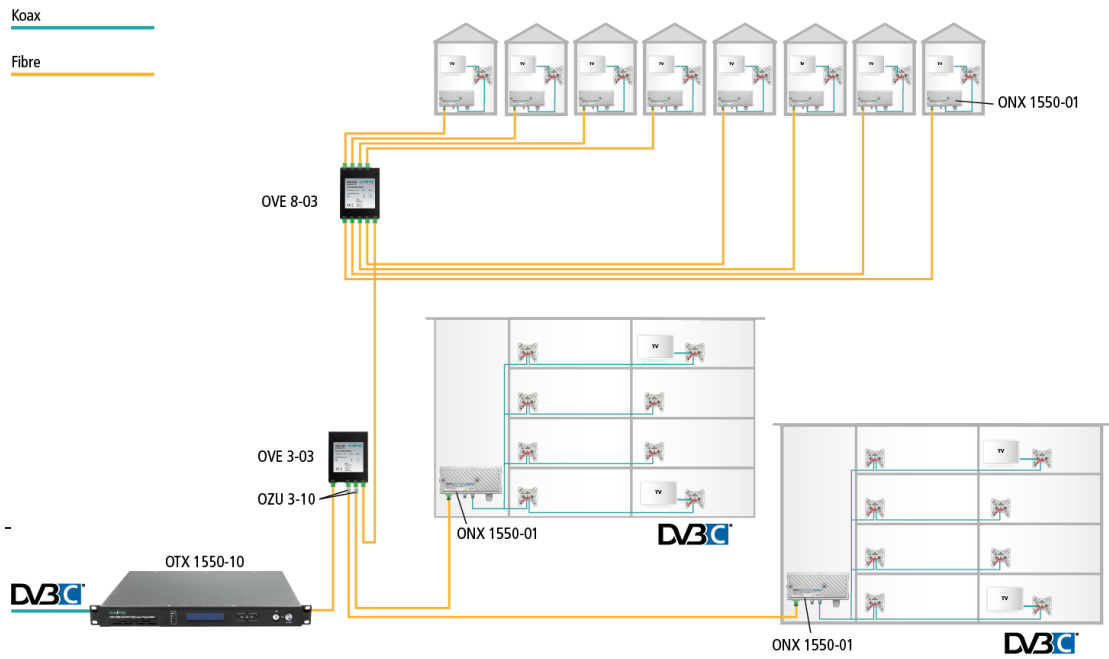
Type	OTX 1550-10
Order no.	OTX155010
GTIN	7611682009774
PE	1
VE	1
EU customs tariff number	



Technical data

Inputs	
Number	2
Frequency range	47 ... 1006 MHz
Input level	77 ±5 dBμV
AGC level dynamics	±5 dB
Test ports	2
Output	
Number of optical outputs	1
Optical connector	SC/APC
Optical level	+10 dBm
Wavelength	1550 nm
MER	≥ 40 @ 25 km, -1 dBm input, 96 chs digital 77 dBμV/ch ≥ 39 @ 50 km, -1 dBm input, 96 chs digital 77 dBμV/ch
Laser class	1M
Interfaces	
Ethernet connectors (LAN)	1 × RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T
Supported configuration protocols	HTTP
General	
Operating voltage	100 ... 260 VAC/50 ... 60 Hz
Power consumption	< 10 W
Operating temperature range	-5 ... +55 °C
Dimensions (W × H × D) appr.	480 × 43 × 275 mm
Weight	5.5 kg

Example of use



Suitable products

[ONX 1550-01 Micro Fibre Node | 1550/1310 nm | 85...1218 MHz/5...65 MHz](#)

[OMX 1513-01 Optical de-/multiplexer 1310/1550 nm](#)

[ORX 1310-00 Four-way Upstream Optical Receiver | 1310 nm | 5 ... 204 MHz](#)